ELSEVIER

Journal of Experimental Marine Biology and Ecology
239 (1999) 321–322

JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY

Contents of Volume 239

Research articles

A.J.S. Watt, N.M. Whiteley, E.W. Taylor (UK)
An in situ study of respiratory variables in three British sublittoral crabs with different routine rates of activity 1

M.S. Kendall, T.G. Wolcott (USA)
The influence of male mating history on male–male competition and female choice in mating associations in the blue crab, *Callinectes sapidus* (Rathbun) 23

G. Cervetto, R. Gaudy, M. Pagano (USA, France)
Influence of salinity on the distribution of *Acartia tonsa* (Copepoda, Calanoida) 33

L. Freites, J. Côté, J.H. Himmelman, C.J. Lodeiros (Venezuela, Canada)
Effects of wave action on the growth and survival of the scallops *Euvola ziczac* and *Lyropecten nodosus* in suspended culture 47

J.G. Wilson (USA)
Population dynamics and energy budget for a population of *Donax variabilis* (Say) on an exposed South Carolina beach 61

B. Gaylord (USA)
Detailing agents of physical disturbance: wave-induced velocities and accelerations on a rocky shore 85

A. Mercier, S.C. Battaglene, J.-F. Hamel (Canada, Solomon Islands)
Daily burrowing cycle and feeding activity of juvenile sea cucumbers *Holothuria scabra* in response to environmental factors 125

V.A. Gerard (USA)
Positive interactions between cordgrass, *Spartina alterniflora*, and the brown alga, *Ascophyllum nodosum* ecad *scorpioides*, in a mid-Atlantic coast salt marsh 157

Research articles

J. Grudemo, K. Johannesson (Sweden)
Size of mudsnails, *Hydrobia ulvae* (Pennant) and *H. ventrosa* (Montagu), in allopatry and sympatry: conclusions from field distributions and laboratory growth experiments 167

T.J. Hilbish, K. Sasada, L.S. Eyster, J.A. Pechenik (USA, Japan)
Relationship between rates of swimming and growth in veliger larvae: genetic variance and covariance 183

J.E. Cartes, J.C. Sorbe (Spain, France)
Estimating secondary production in bathyal suprabenthic peracarid crustaceans from the Catalan Sea slope (western Mediterranean; 391–1255 m) 195

K.M. Strasser, D.L. Felder (USA)
Sand as a stimulus for settlement in the ghost shrimp *Callichirus major* (Say) and *C. islagrande* (Schmitt) (Crustacea: Decapoda: Thalassinidea) 211

M.A. Zacharias, M.C. Morris, D.E. Howes (Canada)
Large scale characterization of intertidal communities using a predictive model 223

N. Johansson, E. Granéli (Sweden)
Influence of different nutrient conditions on cell density, chemical composition and toxicity of *Prymnesium parvum* (Haptophyta) in semi-continuous cultures 243

R.-A.H. Vetter, H.-D. Franke, F. Buchholz (Germany)
Habitat-related differences in the responses to oxygen deficiencies in *Idotea baltica* and *Idotea emarginata* (Isopoda, Crustacea) 259

R. Seed, C.A. Richardson (UK)
Evolutionary traits in *Perna viridis* (Linnaeus) and *Septifer virgatus* (Wiegmann) (Bivalvia: Mytilidae) 273

S. Wada, K. Tanaka, S. Goshima (Japan)
Precopulatory mate guarding in the hermit crab *Pagurus middendorffii* (Brandt) (Decapoda: Paguridae): effects of population parameters on male guarding duration 289

P.A.X. Bologna, K.L. Heck Jr. (USA)
Differential predation and growth rates of bay scallops within a seagrass habitat 299

Book Review

Numerical Ecology, 2nd English Edition 315

Author Index of Volume 239 319

Contents of Volume 239 321

M.A. Zacharias, M.C. Morris, D.E. Howes (Canada)
Large scale characterization of intertidal communities using a predictive model 223

N. Johansson, E. Granéli (Sweden)
Influence of different nutrient conditions on cell density, chemical composition and toxicity of *Prymnesium parvum* (Haptophyta) in semi-continuous cultures 243

R.-A.H. Vetter, H.-D. Franke, F. Buchholz (Germany)
Habitat-related differences in the responses to oxygen deficiencies in *Idotea baltica* and *Idotea emarginata* (Isopoda, Crustacea) 259

R. Seed, C.A. Richardson (UK)
Evolutionary traits in *Perna viridis* (Linnaeus) and *Septifer virgatus* (Wiegmann) (Bivalvia: Mytilidae) 273

S. Wada, K. Tanaka, S. Goshima (Japan)
Precopulatory mate guarding in the hermit crab *Pagurus middendorffii* (Brandt) (Decapoda: Paguridae): effects of population parameters on male guarding duration 289

P.A.X. Bologna, K.L. Heck Jr. (USA)
Differential predation and growth rates of bay scallops within a seagrass habitat 299

Book Review

Numerical Ecology, 2nd English Edition 315

Author Index of Volume 239 319

Contents of Volume 239 321